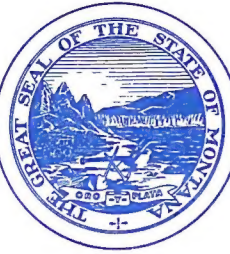


# MONTANA NATURAL HERITAGE PROGRAM



TED SCHWINDEN, GOVERNOR

MONTANA STATE LIBRARY BUILDING

## STATE OF MONTANA

1515 EAST 6TH AVENUE

HELENA, MONTANA 59620  
(406) 444-3009

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### PLANT SPECIES OF SPECIAL CONCERN

The Montana Natural Heritage Program (MTNHP) is inventorying the elements of natural diversity of Montana. The inventory includes plant species, animal species, and plant associations which are rare, endemic, disjunct, threatened, or endangered throughout their range or in Montana, vulnerable to extirpation from Montana, or in need of further research.

The attached list of 379 plant taxa of special concern in Montana represents the preliminary list which, upon revision, will drive data acquisition by the MTNHP. It has been developed largely from information supplied by the Montana Rare Plant Project (University of Montana, Missoula, MT), as well as from the scientific literature and herbarium specimens. Field research will be initiated during 1986. This list is dynamic, and will be annually revised as new data become available to MTNHP.

Written comments and suggestions are needed on this list, particularly regarding additions or deletions, specific locational information, and general comments for the improvement of the list. After the data system (map, manual, and computer files) is set up and initial data are entered, MTNHP will be able to supply location information and status data for most of these taxa (estimated date: FEB87).

Plant taxa are ranked by a standardized procedure used in thirty-five other heritage programs. They are ranked on the basis of their range-wide or global rarity, and on their rarity within the specific state, using these ranking categories:

#### GLOBAL

##### RANK

##### Definition

- |    |  |
|----|--|
| G1 | Critically imperiled globally because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extinction. (Critically endangered throughout range). |
| G2 | Imperiled globally because of rarity (6 to 20 occurrences) or because of other factors demonstrably making it very vulnerable to extinction throughout its range. (Endangered throughout range).   |

- G3        Either very rare and local throughout its range or found locally (even abundant at some of its locations) in a restricted range, or because of other factors making it vulnerable to extinction throughout its range; in the range of 21 to 100 occurrences. (Threatened throughout range).
- G4        Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- G5        Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.
- GU        Possibly in peril range-wide, but status uncertain; more information needed.
- GH        Historically known; may be rediscovered.
- GX        Believed to be extinct throughout range; historical records only, continue search.

STATE  
RANK

Definition

- S1        Critically imperiled in Montana because of extreme rarity (5 or fewer occurrences, or very few remaining individuals), or because of some factor of its biology making it especially vulnerable to extirpation from the state. (Critically endangered in state).
- S2        Imperiled in Montana because of rarity (6 to 20 occurrences), or because of other factors demonstrably making it very vulnerable to extirpation from the state. (Endangered in state).
- S3        Rare in Montana (on the order of 20+ occurrences). (Threatened in state).
- S4        Apparently secure in Montana.
- S5        Demonstrably secure in Montana.
- SU        Possibly in peril in Montana, but status uncertain; more information needed.
- SH        Historically known in Montana; may be rediscovered.
- SX        Apparently extirpated from Montana.

Other codes:

- Q Taxonomic questions or problems involved; more information needed.
- T Rank for a subspecific taxon (subspecies or variety); appended to the global rank for the full species.

It should be emphasized that many of the global and state ranks are currently being revised or completed; these updated rankings will appear on revised lists beginning in Spring, 1986.

The symbols utilized in the Federal Status column denote the categories defined in the U.S. Fish and Wildlife Service Notices of Review (1980, 1983, 1985).

- E Endangered (none in Montana).
- T Threatened (none in Montana).
- P Proposed E or T (none in Montana).
- C1 Notice of Review, Category 1 (substantial biological information on file to support the appropriateness of proposing to list as endangered or threatened).
- C2 Notice of Review, Category 2 (current information indicates that proposing to list as endangered or threatened is possibly appropriate, but substantial biological information is not on file to support an immediate ruling).
- C2\* Category 2, and the taxon is possibly extinct.
- 3A Taxa for which the USFWS has persuasive evidence of extinction.
- 3B Names that, on the basis of current taxonomic understanding, do not represent taxa meeting the Endangered Species Act's definition of "species."
- 3C Taxa that have proven to be more abundant or widespread than was previously believed, and/or those that are not subject to any identifiable threat.

For ease in cross-referencing, the status assigned for each taxon by the Montana Rare Plant Project (MRPP) (Lesica et al., 1984) is provided:

- E Endangered: Any species that is in danger of extinction throughout all or a significant portion of its range in Montana.
- T Threatened: Any species that is likely to become endangered within the foreseeable future throughout all or a significant portion of its range in Montana.
- R Rare: Limited to a restricted geographic range, or occurring sparsely over a wider area in Montana; the species' distribution within the state appears to be restricted to a small area (usually one or two counties), or is more widespread but of very restricted habitat.
- R\* Formerly rare, status being reconsidered.
- Ex Extinct: Based on recent field searches, the species is thought to no longer occur in Montana.

- A Recommended for addition (1985).
- U\* Formerly undetermined, status being reconsidered as possibly E, T, or R.
- X\* Formerly rejected, status being reconsidered as possibly E, T, or R.
- N None.
- S State endemic, not listed.

This list, as with those of other state heritage inventories, follows the standard nomenclature of Kartesz (1985, in preparation). Pertinent synonyms are included, and are indented on the line beneath the name used by MTNHP.

Selected references:

Dorn, R.D. 1984. Vascular plants of Montana. Mountain West Publishing, Cheyenne, WY. 276 pp.

Federal Register, 1980. Endangered and threatened wildlife and plants: Review of plant taxa for listing as endangered or threatened species. 45(242): 82480-82569. 15 December 1980.

Federal Register, 1983. Endangered and threatened wildlife and plants: Supplement to review of plant taxa for listing; proposed rule. 48(229): 53640-53670. 28 November 1983.

Federal Register, 1985. Endangered and threatened wildlife and plants: Review of plant taxa for listing as endangered or threatened species; Notice of review. 50(188): 39525-39584. 27 September 1985.

Kartesz, J.T. 1985. Vascular plant checklist (draft revised). In preparation.

Lesica, P., G. Moore, K.M. Peterson, and J.H. Rumely (Montana Rare Plant Project). 1984. Vascular plants of limited distribution in Montana. Vol. 43, Monograph No. 2, Montana Academy of Sciences, Supplement to the Proceedings. 61 pp.



<u>TAXON</u>	<u>FAMILY</u>	<u>GLOBAL</u> <u>RANK</u>	<u>STATE</u> <u>RANK</u>	<u>FED</u> <u>STATUS</u>	<u>MRPP</u> <u>STATUS</u>
ACHILLEA SIBIRICA Ledeb.	ASTERACEAE	6U	SU	N	A
ADOXA MOSCHATELLINA L.	ADOXACEAE	65	SU	N	R
AGASTACHE CUSICKII (Greenm.) Heller	LAMIACEAE	6U	SU	N	A
AGASTACHE FOENICULUM (Pursh) Kuntze	LAMIACEAE	6U	SU	N	A
AGOSERIS SP. NOV. (to be described by Moseley & Henderson)	ASTERACEAE	6U	SU	N	N
AGROSTIS MERTENSII Trin.	POACEAE	65	S4	N	R
<i>A. borealis</i> Hartm.					
ALLIUM ACUMINATUM Hook.	LILIACEAE	6U	SU	N	R
ALLIUM FIBRILLUM Jones	LILIACEAE	63	S1	N	T
ALLIUM PARVUM Kellogg	LILIACEAE	6U	SU	N	R
ALLIUM SIMILLIMUM Hend.	LILIACEAE	6365	S365	N	R
ALLOTROPA VIRGATA T. & G.	MONOTROPACEAE	64	S4	N	R
AMARANTHUS ARENICOLA I. M. Johnston	AMARANTHACEAE	6U	SU	N	A
AMARANTHUS CALIFORNICUS (Moq.) Wats.	AMARANTHACEAE	6U	SU	N	A
AMBROSIA TOMENTOSA Nutt.	ASTERACEAE	6U	SU	N	A
AMERORCHIS ROTUNDIFOLIA (Banks ex Pursh) Hulten	ORCHIDACEAE	64	S1	N	T
<i>Orchis</i> r. Banks ex Pursh					
AMMANNIA COCCINEA Rottb.	LYTHRACEAE	64	S1	N	R
AMORPHA CANESCENS Pursh	FABACEAE	64	S1SX	N	T
ANTENNARIA AROMATICA Evert	ASTERACEAE	6U	S2	C2	N
ANTENNARIA PLANTAGINIFOLIA (L.) Rich.	ASTERACEAE	65TU	SU	N	R
AQUILEGIA BREVI-STYLA Hook.	RANUNCULACEAE	65	SU	N	R
AQUILEGIA FORMOSA Fisch. ex DC.	RANUNCULACEAE	6U	SU	N	U*
AQUILEGIA JONESII Parry	RANUNCULACEAE	6365	S365	3C	S
ARABIS FECUNDA Rollins	BRASSICACEAE	61	S1	N	A
ARABIS LIGNIFERA A. Nels.	BRASSICACEAE	6U	SU	N	R
ARCTOSTAPHYLOS PATULA Greene VAR PATULA	ERICACEAE	64	S1	N	R
<i>A. p. ssp. platyphylla</i> (Gray) P.V. Wells					
ARENARIA KINGII (Wats.) Jones	CARYOPHYLLACEAE	6U	SU	N	A
ARTEMISIA NORVEGICA Fries VAR SAXATILIS (Bess.) Jeps.	ASTERACEAE	6U	SU	N	R
ARTEMISIA PEDATIFIDA Nutt.	ASTERACEAE	6U	SU	N	R
ARTEMISIA SPINESCENS D.C. Eat.	ASTERACEAE	6U	SU	N	R
ASCLEPIAS STENOPHYLLA Gray	ASCLEPIADACEAE	6365	SU	N	R
ASPLENIUM TRICHOMANES L.	ASPLENIACEAE	64	S2	N	R
ASTER FRONDOSUS (Nutt.) T. & G.	ASTERACEAE	6U	SU	N	A
ASTER MOLLIS Rydb.	ASTERACEAE	6U	SU	C2	N
ASTRAGALUS ARETIOIDES (Jones) Barneby	FABACEAE	64	S3	N	R
ASTRAGALUS ARGOPHYLLUS Nutt. ex T. & G. VAR ARGOPHYLLUS	FABACEAE	6U	SU	N	R
ASTRAGALUS BARRII Barneby	FABACEAE	6U	S1	C2	U*
ASTRAGALUS CERAMICUS Sheld. VAR APUS Barneby	FABACEAE	65T3	S1	3C	R
ASTRAGALUS CHAMAELEUCE Gray	FABACEAE	65	SU	N	R
ASTRAGALUS CONVALLARIUS Greene	FABACEAE	64	S1	N	E
ASTRAGALUS GEYERI Gray	FABACEAE	65	S3	N	R
ASTRAGALUS GRAYI Parry ex Wats.	FABACEAE	6U	SU	N	R
ASTRAGALUS HYALINUS M.E. Jones	FABACEAE	63	S2	N	U*
ASTRAGALUS LENTIGINOSUS Dougl. ex Hook.	FABACEAE	6U	SU	N	R
VAR SALINUS (Howell) Barneby					
ASTRAGALUS LEPTALEUS Gray	FABACEAE	6364	S1	N	R
ASTRAGALUS MOLYBDENUS Barneby	FABACEAE	6U	SU	N	R
ASTRAGALUS OREGANUS Nutt. ex T. & G.	FABACEAE	6U	SU	N	R
ASTRAGALUS PLATTENSIS Nutt.	FABACEAE	64	S3S4	N	T*

ASTRAGALUS PLATYTROPIS Gray	FABACEAE	6U	SU	N	R
ASTRAGALUS RACEMOSUS Pursh VAR LONGISETUS Jones	FABACEAE	6U	SU	N	R
ASTRAGALUS SCAPHOIDES (Jones) Rydb.	FABACEAE	62	S1	C2	T
ASTRAGALUS TERMINALIS Wats.	FABACEAE	63	S2	N	R
ATHYSANUS PUSILLUS (Hook.) Greene	BRASSICACEAE	6U	SU	N	R
BACOPA ROTUNDIFOLIA (Michx.) Wettst.	SCROPHULARIACEAE	65	SU	N	R
BALSAMORHIZA MACROPHYLLA Nutt.	ASTERACEAE	6365	S3SU	N	R
BIDENS TRIPARTITA L.	ASTERACEAE	6U	SU	N	U*
B. comosa (Gray) Wieg.					
BIDENS VULGATA Greene VAR SCHIZANTHA Lunell.	ASTERACEAE	6U	SU	N	R
BOTRYCHIUM CRENULATUM Wagner	OPHIOGLOSSACEAE	6163?	S1	C2	E
BOTRYCHIUM HESPERIUM (Maxon & Clausen) Wagner & Lellinger	OPHIOGLOSSACEAE	65	S1	N	R
B. matricariifolium ssp. h. Maxon & Clausen					
BOTRYCHIUM MINGANENSE Vict.	OPHIOGLOSSACEAE	65T3T4	SU	N	R
BOTRYCHIUM MONTANUM Wagner	OPHIOGLOSSACEAE	62	S2	N	R
BOTRYCHIUM PARADOXUM Wagner	OPHIOGLOSSACEAE	61	S1	C2	R
BRASENIA SCHREBERI Gmel.	NYMPHAEACEAE	65	S3SU	N	R
BULBOSTYLIS CAPILLARIS (L.) Clarke	CYPERACEAE	6U	SU	N	A
CALAMAGROSTIS TWEEDYI (Scribn.) Scribn.	POACEAE	62	S2	C2	R
CAMISSONIA ANDINA (Nutt.) Raven	ONAGRACEAE	64	SU	N	R
Oenothera a. Nutt.					
CAMISSONIA MINOR (A. Nels.) Raven	ONAGRACEAE	6U	SU	N	R
Oenothera m. (A. Nels.) Munz					
CAMISSONIA SCAPIDEA (Nutt. ex T. & G.) Raven	ONAGRACEAE	6U	SU	N	R
SSP BRACHYCARPA (Raven) Raven					
Oenothera s. Nutt. ex T. & G. ssp. b. Raven					
CARDAMINE RUPICOLA (Rydb.) Hitchc.	BRASSICACEAE	63	S3	3C	S
CAREX AMPLIFOLIA Boott	CYPERACEAE	6U	SU	N	R
CAREX CHORDORRHIZA Ehrh. ex L.f.	CYPERACEAE	65	SU	N	R
CAREX COMOSA Boott	CYPERACEAE	6U	SU	N	A
CAREX CRAWEI Dewey	CYPERACEAE	64	S1	N	T
CAREX EURYCARPA Holm	CYPERACEAE	6U	SU	N	U*
CAREX GRAVIDA Bailey VAR GRAVIDA	CYPERACEAE	64	S2	N	T
CAREX IDAHOA Bailey	CYPERACEAE	630	S10	3C	R
C. parryana Dewey ssp. i. (Bailey) Murray					
CAREX INCURVIFORMIS Mack. VAR DANAENSIS (Stacey) F.J. Herm.	CYPERACEAE	6U	SU	N	R
CAREX LENTICULARIS Michx. VAR DOLIA (Jones) Standley	CYPERACEAE	65T2	S1	C2	R
C. plectocarpa F.J. Herm.					
CAREX LIVIDA (Wahl.) Wahl.	CYPERACEAE	65	SU	N	R
CAREX MICROGLOCHIN Wahl.	CYPERACEAE	6U	SU	N	A
CAREX MISANDRA R. Br.	CYPERACEAE	6U	S4	N	R*
CAREX MULTICOSTATA Mack.	CYPERACEAE	6U	SU	N	R
CAREX OCCIDENTALIS Bailey	CYPERACEAE	6U	SU	N	A
CAREX PAUPERCUA Michx.	CYPERACEAE	64	S1	N	R
CAREX PETRICOSA Dewey	CYPERACEAE	6U	SU	N	R
CAREX SCOPARIA Schkuhr ex Willd.	CYPERACEAE	65	SU	N	R
CAREX STENOPTILA F.J. Herm.	CYPERACEAE	6U	SU	N	A
CAREX SYCHNOCEPHALA Carey	CYPERACEAE	6365	S3	N	R
CAREX TINCTA Fern.	CYPERACEAE	6U	SU	N	A
CAREX TORREYI Tuckerman	CYPERACEAE	6365	SU	N	R
CAREX VALLICOLA Dewey	CYPERACEAE	6U	SU	N	U*
CASTILLEJA ANGUSTIFOLIA (Nutt.) G. Don	SCROPHULARIACEAE	6365	SU	N	R
CASTILLEJA COVILLEANA Hend.	SCROPHULARIACEAE	6365	S3S5	N	R*
CASTILLEJA EXILIS A. Nels.	SCROPHULARIACEAE	6U	SU	N	A

CASTILLEJA GRACILLIMA Rydb.	SCROPHULARIACEAE	6U	SU	N	A
CASTILLEJA LONGISPICA A. Nels.	SCROPHULARIACEAE	6U	SU	N	U*
CASTILLEJA OCCIDENTALIS Torr.	SCROPHULARIACEAE	6U	S4	N	R
CASTILLEJA RUSTICA Piper	SCROPHULARIACEAE	6U	SU	N	X*
CEANOTHUS HERBACEUS Raf.	RHAMNACEAE	64	S1	N	T
C. h. var. pubescens (T. & G. ex Wats.) Shinnery					
CELASTRUS SCANDENS L.	CELASTRACEAE	6U	SU	N	A
CENTAURIUM EXALTATUM (Griseb.) Wight ex Piper	GENTIANACEAE	6364	S1SX	N	R
CENTUNCULUS MINIMUS L.	PRIMULACEAE	6U	SU	N	A
CERCOCARPUS MONTANUS Raf. VAR GLABER (Wats.) Martin	ROSACEAE	6U	SU	N	R
CHAMAESYCE BEYERI (Engelm.) Small	EUPHORBIACEAE	64	S2	N	T
Euphorbia g. Engelm.					
CHRYSOSELIUM TETRANDRUM (Lund) Fries	SAXIFRAGACEAE	6U	S3SU	N	R
CHRYSOSELIUM LINIFOLIUM Greene	ASTERACEAE	6U	SU	N	A
CIRSIIUM BREVI-STYLUM Cronq.	ASTERACEAE	6U	SU	N	R
CIRSIIUM LONGISTYLUM Moore & Frankton	ASTERACEAE	620	S20	N	R
CIRSIIUM SUBNIVOLUM Rydb.	ASTERACEAE	6U	SU	N	R
CLARKIA RHOMBOIDEA Dougl. ex Hook.	ONAGRACEAE	6U	SU	N	A
CLAYTONIA LANCEOLATA Pursh VAR FLAVA (A. Nels.) Hitchc.	PORTULACACEAE	65T10	S10	C2	T
C. flava A. Nels.					
CLEOME LUTEA Hook.	CAPPARACEAE	6U	SU	N	R
CONIOSELIUM SCOPULORUM (Gray) Coult. & Rose	APIACEAE	6U	SU	N	A
CORDYLANTHUS CAPITATUS Nutt. ex Benth.	SCROPHULARIACEAE	6U	SU	N	A
CORDYLANTHUS RAMOSUS Nutt. ex Benth.	SCROPHULARIACEAE	6365	SU	N	R
CORYDALIS SEMPERVIRENS (L.) Pers.	FUMARIACEAE	6465	S4	N	R
CRYPTANTHA CANA (A. Nels.) Payson	BORAGINACEAE	63	SU	N	R
CRYPTANTHA FENDLERI (Gray) Greene	BORAGINACEAE	6364	S1	N	U*
CRYPTANTHA FLAVOCULATA (A. Nels.) Payson	BORAGINACEAE	65	SU	N	R
CRYPTANTHA HUMILIS (Gray) Payson	BORAGINACEAE	6U	SU	N	A
CRYPTANTHA SOBOLIFERA Payson	BORAGINACEAE	6U	SU	3C	A
CRYPTANTHA SPICULIFERA (Piper) Payson	BORAGINACEAE	6U	SU	N	A
CUSCUTA PENTAGONA Engelm.	CUSCUTACEAE	6U	SU	N	A
CYMOPTERUS SP. NOV. (to be described by Hartman & Constance)	APIACEAE	6U	SU	N	R
CYPERUS ACUMINATUS Torr. & Hook.	CYPERACEAE	6365	SU	N	R
CYPERUS ERYTHRORHIZOS Muhl.	CYPERACEAE	6U	SU	N	A
CYPERUS RIVULARIS Kunth	CYPERACEAE	65	S1	N	R
CYPERUS SCHWEINITZII Torr.	CYPERACEAE	65	S3	N	R
CYPRIPEDIUM FASCICULATUM Kell. ex Wats.	ORCHIDACEAE	63	S1	3C	T
CYPRIPEDIUM PARVIFLORUM Salisb.	ORCHIDACEAE	63T2	S2	N	X*
C. calceolus L. var. p. (Salisb.) Fern.					
CYPRIPEDIUM PASSERINUM Richards.	ORCHIDACEAE	64	S1	N	R
CYSTOPTERIS MONTANA (Lam.) Bernh. ex Desv.	ASPLENIACEAE	6U	SU	N	U*
DALEA VILLOSA (Nutt.) Spreng VAR VILLOSA	FABACEAE	6U	SU	N	R
Petalostemon villosus Nutt.					
DELPHINIUM ANDERSONII Gray	RANUNCULACEAE	6U	SU	N	R
DELPHINIUM BURKEI Greene	RANUNCULACEAE	6U	SU	N	R
DELPHINIUM WOOTONII Rydb.	RANUNCULACEAE	6U	SU	N	R
D. geyeri Greene					
DICHANTHELIUM OLIGOSANTHES (Schultes) Gould	POACEAE	64	S2	N	T
VAR OLIGOSANTHES					
Panicum o. Schultes					
DRABA APICULATA Hitchc.	BRASSICACEAE	6465	SU	N	R
DRABA BRACHYCARPA Nutt. ex T. & G.	BRASSICACEAE	6U	SU	N	U*
DRABA DAVIESIAE (Hitchc.) Rollins	BRASSICACEAE	62	S2	3C	R

<i>D. apiculata</i> Hitchc. var. <i>d.</i> Hitchc.					
DRABA FLADNIZENSIS Wulfen	BRASSICACEAE	6U	SU	N	R
DRABA MACOUNII D.E. Schulz	BRASSICACEAE	6U	SU	N	A
DRABA PORSILDII Mulligan	BRASSICACEAE	6U	SU	N	R
DRABA VENTOSA Gray	BRASSICACEAE	65	S4	N	R
DROSEREA LINEARIS Goldie	DROSERACEAE	6U	SU	N	A
DRYAS INTEGRIFOLIA Vahl	ROSACEAE	6U	SU	N	R
DRYOPTERIS CRISTATA (L.) Gray	ASPLENIACEAE	6U	SU	N	R
ELATINE CALIFORNICA Gray	ELATINACEAE	6U	SU	N	U*
ELODEA LONGIVAGINATA St. John	HYDROCHARITACEAE	6U	SU	N	A
ELODEA NUTTALLII (Planch.) St. John	HYDROCHARITACEAE	6U	SU	N	R
EPIPACTIS GIGANTEA Dougl. ex Hook.	ORCHIDACEAE	64	S1	N	A
EQUISETUM PALUSTRE L.	EQUISETACEAE	6U	SU	N	X*
ERIGERON ALLOCOTUS Blake	ASTERACEAE	6263?	S2	3C	R
ERIGERON ASPERUGINEUS (D.C. Eat.) Gray	ASTERACEAE	64	S3	N	R
ERIGERON BELLIDIASTRUM Nutt.	ASTERACEAE	6U	SU	N	A
ERIGERON COULTERI Porter	ASTERACEAE	6U	SU	N	A
ERIGERON EATONII Gray SSP EATONII	ASTERACEAE	6U	SU	N	R
ERIGERON EVERMANNII Rydb.	ASTERACEAE	6465	S2	N	R
ERIGERON FLABELLIFOLIUS Rydb.	ASTERACEAE	63	S2	N	R
ERIGERON FLAGELLARIS Gray	ASTERACEAE	64	S1	N	T
ERIGERON FORMOSISSIMUS Greene VAR VISCIDUS (Rydb.) Cronq.	ASTERACEAE	64	S1	N	R
ERIGERON GRACILIS Rydb.	ASTERACEAE	64	S3S4	N	R
ERIGERON OCHROLEUCUS Nutt. VAR OCHROLEUCUS	ASTERACEAE	610	S10	N	R
(RANKED FORM= <i>E. lackschewitzii</i> Nesom & Weber)					
ERIGERON LANATUS Hook.	ASTERACEAE	64	S2S3	N	R
ERIGERON LINEARIS (Hook.) Piper	ASTERACEAE	6U	SU	N	R
ERIOGONUM CHRYSOPS Rydb.	POLYGONACEAE	640	S30S40	C2	U*
ERIOGONUM LAGOPUS Rydb.	POLYGONACEAE	6163?	S10	C2	U*
<i>E. pauciflorum</i> Pursh var. <i>canum</i> (Stokes) Reveal					
ERIOGONUM PYROLIFOLIUM Hook. VAR CORYPHEUM T. & G.	POLYGONACEAE	6U	SU	N	R
ERIOGONUM UMBELLATUM Torrey VAR STELLATUM (Benth.) Jones	POLYGONACEAE	6U	SU	N	R
ERIOPHORUM ALPINUM L.	CYPERACEAE	65	SU	N	R
<i>Scirpus hudsonianus</i> (Michx.) Fern.					
ERIOPHORUM VIRIDICARINATUM (Engelm.) Fern.	CYPERACEAE	65	S4	N	R
ERYTHRONIUM GRANDIFLORUM Pursh SSP CANDIDUM Piper	LILIACEAE	65T3	S2	N	R
EUPATORIUM MACULATUM L. VAR BRUNERI (Gray) Breitung	ASTERACEAE	65TU	S1	N	T
EUPATORIUM OCCIDENTALE Hook.	ASTERACEAE	6U	SU	N	R
EUPHRASIA DISJUNCTA Fern. & Wieg.	SCROPHULARIACEAE	65	SU	N	T
<i>E. arctica</i> Lange ex Rostr. var. <i>d.</i> (Fern. & Wieg.) Cronq.					
FESTUCA VIVIPARA (L.) Smith	POACEAE	6U	SU	N	A
GALIUM PALUSTRE L.	RUBIACEAE	6U	SU	N	A
GENTIANA GLAUCA Pallas	GENTIANACEAE	6U	SU	N	U*
GENTIANELLA PROPINQUA (Richards.) Gillett	GENTIANACEAE	64	S4	N	R*
<i>Gentiana p.</i> Richards.					
GENTIANELLA TENELLA (Rottb.) Borner	GENTIANACEAE	64	SU	N	R
<i>Gentiana t.</i> Rottb.					
GENTIANOPSIS CRINITA (Froel.) Ma	GENTIANACEAE	6U	SU	N	A
<i>Gentiana c.</i> Froel.					
GEOCAULON LIVIDUM (Richards.) Fern.	SANTALACEAE	64	S1	N	T
<i>Comandra livida</i> Richards.					
GEUM ROSSII (R. Br.) Ser. VAR ROSSII	ROSACEAE	6U	SU	N	A
GILIA LEPTOMERIA Gray VAR LEPTOMERIA	POLEMONIACEAE	6U	SU	N	R
GILIA TWEEDYI Rydb.	POLEMONIACEAE	6465	S2	N	R



<i>G. sinuata</i> Dougl. ex Benth. var. <i>t.</i> (Rydb.) Cronq.					
GLANDULARIA BIPINNATIFIDA (Nutt.) Nutt.	VERBENACEAE	GU	SU	N	A
GOODYERA REPENS (L.) R. Br.	ORCHIDACEAE	GS	SU	N	R
<i>G. r.</i> var. <i>ophioides</i> Fern.					
GRAYIA SPINOSA (Hook.) Moq.	CHENOPODIACEAE	GU	SU	N	A
<i>Atriplex s.</i> (Hook.) Collotzi					
GRINDELIA HOWELLII Steyermark	ASTERACEAE	GS	S2	C2	E
HALENIA DEFLEXA (Sm.) Griseb. SSP DEFLEXA	GENTIANACEAE	GS	S1	N	T
HAPLOPAPPUS MACRONEMA Gray VAR MACRONEMA	ASTERACEAE	GS4TU	S1	N	R
HAPLOPAPPUS MULTICAULIS (Nutt.) Gray	ASTERACEAE	GS	S3	N	R
HAPLOPAPPUS NANUS (Nutt.) Eaton	ASTERACEAE	GU	SU	N	R
HAPLOPAPPUS PYGMAEUS (T. & G.) Gray	ASTERACEAE	GU	S3	N	R
HEDYSARUM ALPINUM L.	FABACEAE	GU	SU	N	X*
HEMICARPHA DRUMMONDII Nees	CYPERACEAE	GU	SU	N	A
HETEROCODON RARIFLORUM Nutt.	CAMPANULACEAE	GU	S3SU	N	R
HOWELLIA AQUATILIS Gray	CAMPANULACEAE	G1	S1	C2	E
HYMENOPAPPUS FILIFOLIUS Hook. VAR IDAHOENSIS Turner	ASTERACEAE	GU	SU	N	A
HYMENOPAPPUS FILIFOLIUS Hook. VAR LUTEUS (Nutt.) Turner	ASTERACEAE	GU	SU	N	R
HYMENOPAPPUS TENUIFOLIUS Pursh	ASTERACEAE	GU	SU	N	A
IDAHOA SCAPIGERA (Hook.) Nels. & Macbr.	BRASSICACEAE	GU	SU	N	R
IMPATIENS ECALCARATA Blank.	BALSAMINACEAE	GU	SU	N	X*
IPOMOPSIS CONGESTA (Hook.) Grant SSP CREBRIFOLIA (Nutt.) Day	POLEMONIACEAE	GS2	S1	N	R
<i>Gilia c.</i> Hook. var. <i>c.</i> (Nutt.) Gray					
IPOMOPSIS PUMILA (Nutt.) Grant	POLEMONIACEAE	GU	SU	N	R
<i>Gilia p.</i> Nutt.					
JUNCUS ACUMINATUS Michx.	JUNCACEAE	GS	SU	N	R
JUNCUS ALBESCENS (Lange) Fern.	JUNCACEAE	GU	S4	N	R
<i>J. triglumis L. ssp. a.</i> (Lange) Hulten					
JUNCUS BIGLUMIS L.	JUNCACEAE	GU	S4	N	R*
JUNCUS CASTANEUS Sm.	JUNCACEAE	GU	SU	N	R*
JUNCUS COVILLEI Piper VAR OBTUSATUS (Engelm.) Hitchc.	JUNCACEAE	GU	SU	N	R
JUNCUS HALLII Engelm.	JUNCACEAE	GU	SU	N	R
JUNCUS TRIGLUMIS L.	JUNCACEAE	GU	SU	N	R
JUNIPERUS OSTEOSPERMA (Torr.) Little	CUPRESSACEAE	GU	SU	N	R
KELLOGGIA GALIODES Torr.	RUBIACEAE	GU	SU	N	A
KELSEYA UNIFLORA (S. Wats.) Rydb.	ROSACEAE	GU	S2	N	X*
KOBRESIA SIBIRICA (Turez. ex Ledeb.) Boeckl.	CYPERACEAE	GU	SU	N	A
<i>K. macrocarpa</i> Clokey ex Mack.					
KOBRESIA SIMPLICIUSCULA (Wahlenb.) Mack.	CYPERACEAE	GU	SU	N	U*
KOCHIA AMERICANA Wats.	CHENOPODIACEAE	GU	SU	N	X*
KOENIGIA ISLANDICA L.	POLYGONACEAE	GU	SU	N	R
LATHYRUS BIJUGATUS White	FABACEAE	GU	S4	N	R
LEPIDIDIUM MONTANUM Nutt. VAR MONTANUM	BRASSICACEAE	GU	SU	N	R
LEPTODACTYLON CAESPITOSUM Nutt.	POLEMONIACEAE	GU	S1	N	A
LESQUERELLA CARINATA Rollins	BRASSICACEAE	GU	S1	3C	R
LESQUERELLA HUMILIS Rollins	BRASSICACEAE	G1	S1	N	A
LESQUERELLA KLAUSII Rollins	BRASSICACEAE	G1	S1	N	A
LESQUERELLA OCCIDENTALIS S. Wats.	BRASSICACEAE	GU	S1	N	U*
LEWISIA COLUMBIANA (Howell) Robins. VAR WALLOWENSIS Hitchc.	PORTULACACEAE	GS4T3	S1	3C	R
LEYMUS FLAVESCENS (Scribn. & J.G. Sm.) Pilger	POACEAE	GS	S1S2	N	U*
<i>Elymus f.</i> Scribn. & J.G. Sm.					
LEYMUS INNOVATUS (Beal) Pilger	POACEAE	GU	SU	N	R
<i>Elymus i.</i> Beal					
LIGUSTICUM FILICINUM S. Wats.	APIACEAE	GU	SU	N	R

LIGUSTICUM PORTERI Coult. & Rose	APIACEAE	6U	SU	N	A
LIGUSTICUM VERTICILLATUM (Geyer) Coult. & Rose	APIACEAE	6465	S2S3	N	R
LILAEA SCILLOIDES (Poir.) Hauman	JUNCAGINACEAE	6U	SU	N	R
LILIUM COLUMBIANUM Hanson ex Baker	LILIACEAE	6U	SU	N	A
LINANTHUS NUTTALLII (Gray) Greene ex Milliken SSP NUTTALLII	POLEMONIACEAE	6U	SU	N	R
Linanthastrum n. (Gray) Ewan					
LOBELIA SPICATA Lam.	CAMPANULACEAE	65	SU	N	R
LOMATIUM BICOLOR (Wats.) Coult. & Rose VAR BICOLOR	APIACEAE	6U	SU	N	R
LOMATIUM GEYERI (S. Wats) Coult. & Rose	APIACEAE	6U	SU	N	R
LYCOPODIUM ALPINUM L.	LYCOPODIACEAE	6U	SU	N	R
LYCOPODIUM OBSCURUM L.	LYCOPODIACEAE	65	SU	N	R
MACHAERANTHERA COMMIXTA Greene	ASTERACEAE	6U	SU	N	A
MADIA MINIMA (Gray) Greene	ASTERACEAE	6U	SU	N	A
MAIANTHEMUM CANADENSE Desf. VAR INTERIUS Fern.	LILIACEAE	65?TU	SU	N	R
MALACOTHRIX SONCHOIDES (Nutt.) T. & G.	ASTERACEAE	6U	S3SU	N	R
VAR TORREYI (Gray) Williams					
M. torreyi Gray					
MENTZELIA MONTANA (A. Davids.) A. Davids.	LOASACEAE	6U	SU	N	A
MENTZELIA NUDA (Pursh) T. & G.	LOASACEAE	6U	SU	N	A
MENTZELIA PUMILA Nutt. ex T. & G.	LOASACEAE	6U	SU	N	R
MERTENSIA BELLA Piper	BORAGINACEAE	63	S1	N	T
MIMULUS GLABRATUS Kunth	SCROPHULARIACEAE	64	S1S2	N	R*
MIMULUS NANUS Hook. & Arn.	SCROPHULARIACEAE	6U	SU	N	R
MIMULUS PRIMULOIDES Benth.	SCROPHULARIACEAE	64	S2	N	R
MIRABILIS HIRSUTA (Pursh) MacM.	NYCTAGINACEAE	6U	SU	N	R
MUHLENBERGIA ANDINA (Nutt.) Hitchc.	POACEAE	64	S2	N	R*
MUHLENBERGIA MINUTISSIMA (Steud.) Swallen	POACEAE	64	SU	N	R
MYOSOTIS VERA Nutt.	BORAGINACEAE	6U	SU	N	A
NAJAS GUADALUPENSIS (Spreng.) Morong	NAJADACEAE	65	S3	N	R
NYMPHAEA TETRAGONA Georgi	NYMPHAEACEAE	64	S1	N	R
OENOTHERA PALLIDA Lindl. SSP PALLIDA	ONAGRACEAE	65T2	S1	N	R
O. p. Lindl. ssp. p. var. idahoensis Munz					
OPHIOGLOSSUM VULGATUM L.	OPHIOGLOSSACEAE	65	S3SU	N	T
OROBANCHE CORYMBOSA (Rydb.) Ferris	OROBANCHACEAE	6U	SU	N	U*
OROGENIA LINEARIFOLIA S. Wats.	APIACEAE	6U	SU	N	R
OXYTROPIS COLUMBIANA St. John	APIACEAE	6U	SU	N	T
O. campestris (L.) DC var. c. (St. John) Barneby					
OXYTROPIS LAGOPUS Nutt. VAR CONJUGENS Barneby	FABACEAE	6U	SU	N	S,U*
OXYTROPIS PARRYI Gray	FABACEAE	6U	SU	N	R*
OXYTROPIS PODOCARPA Gray	FABACEAE	6U	SU	N	R
PAPAYER ALPINUM L.	PAPAYERACEAE	63	S3	N	R
P. pygmaeum Rydb.					
PAPAYER LAPPONICUM (Tolm.) Nordh.	PAPAYERACEAE	6U	SU	N	R
P. kluanensis D. Love					
PEDICULARIS CONTORTA Benth.	SCROPHULARIACEAE	6U	SU	N	U*
VAR CTENOPHORA (Rydb.) Nels. & Macbr.					
PEDICULARIS CONTORTA Benth. VAR RUBICUNDA N. Reese	SCROPHULARIACEAE	6UTU	S1	N	A
PEDICULARIS OEDERI Vahl	SCROPHULARIACEAE	6U	SU	N	R
PELLAEA BRIDGESII Hook.	ADIANTACEAE	6U	SU	N	A
PENSTEMON ATTENUATUS Dougl. ex Lindl.	SCROPHULARIACEAE	64T4	S1	N	R
VAR MILITARIS (Greene) Cronq.					
PENSTEMON CARYI Pennell	SCROPHULARIACEAE	62	S2	3C	R
PENSTEMON FLAVESCENS Pennell	SCROPHULARIACEAE	62	S2	N	R
PENSTEMON LARICIFOLIUS Hook. & Arn.	SCROPHULARIACEAE	64	S3S4	N	R

PENSTEMON LEMHIENSIS (Keck) Keck & Cronq.	SCROPHULARIACEAE	6263	S2	C2	T
PENSTEMON PAYETTENSIS Nels. & Macbr.	SCROPHULARIACEAE	64	S2	N	R
PENSTEMON WHIPPLEANUS Gray	SCROPHULARIACEAE	65	SU	N	R
PHACELIA INCANA Brand	HYDROPHYLLACEAE	64	S1	N	A
PHACELIA IVESIANA Torr.	HYDROPHYLLACEAE	64	S1	N	R
PHACELIA THERMALIS Greene	HYDROPHYLLACEAE	6U	S3	N	R
PHIPPSIA ALGIDA (Soland.) R. Br.	POACEAE	64	SU	3C	R
PHLOX ANDICOLA E. Nels.	POLEMONIACEAE	6U	SU	N	X*
PHLOX MISSOULENSIS Wherry	POLEMONIACEAE	62	S2	3C	S
P. kelseyi Britt. var. m. (Wherry) Cronq.					
PHYSALIS HEDERAEFOLIA Gray	SOLANACEAE	6U	SU	N	A
PHYSALIS PUMILA Nutt.	SOLANACEAE	6U	SU	N	A
PHYSARIA ACUTIFOLIA Rydb. VAR ACUTIFOLIA	BRASSICACEAE	6465	S3S4	N	R
P. australis (Payson) Rollins					
PHYSARIA SAXIMONTANA Rollins VAR DENTATA Rollins	BRASSICACEAE	62T1	S1	N	A
PHYSOCARPUS MONOGYNUS (Torr.) Coult.	ROSACEAE	64	SU	N	R
PINGUICULA VULGARIS L.	LENTIBULARIACEAE	65	SU	N	R
PLAGIOBOTHRYUS LEPTOCLADUS (Greene) Johns.	BORAGINACEAE	6U	S3SU	N	R
PLATYSCHUKHRIA INTEGRIFOLIA (Gray) Rydb. VAR INTEGRIFOLIA	ASTERACEAE	6U	SU	N	R
POLYGONUM DOUGLASII Greene SSP AUSTINAE (Greene) Hickman	POLYGONACEAE	6465TU	SU	N	R
P. austinae Greene					
POLYSTICHUM KRUCKEBERGII Wagner	ASPLENIACEAE	65	SUS4	3C	R
POLYSTICHUM SCOPULINUM (Eaton) Maxon	ASPLENIACEAE	6U	SU	N	R
POTAMOGETON OBTUSIFOLIUS Mertens & Koch	POTAMOGETONACEAE	6U	SU	N	A
POTENTILLA BREVIFOLIA Nutt. ex T. & G.	ROSACEAE	6U	SU	N	R
POTENTILLA UNIFLORA Ledeb.	ROSACEAE	6U	SU	N	R
PSEUDOSTELLARIA JAMESIANA (Torr.) W.A. Weber & Hartman	CARYOPHYLLACEAE	6U	SU	N	A
Stellaria j. Torr.					
PSILOCARPHUS BREVISSIMUS Nutt. VAR BREVISSIMUS	ASTERACEAE	64TU	S2	N	R*
PSORALEA HYPOGAEA Nutt. ex T. & G.	FABACEAE	6U	SU	N	A
PTERYXIA HENDERSONII (Coult. & Rose) Mathias & Constance	APIACEAE	6U	SU	N	R
Cymopterus h. (Coult. & Rose) Cronq.					
PTERYXIA TEREBINTHINA (Hook.) Coult. & Rose	APIACEAE	65T4	S2	N	R
VAR CALCAREA (M.E. Jones) Mathias					
Cymopterus terebinthinus (Hook.) T. & G.					
var. calcareus (T. & G.) Cronq.					
QUERCUS MACROCARPA Michx.	FAGACEAE	6U	SU	N	R
Q. m. Michx. var. depressa (Nutt.) Engelm.					
RANUNCULUS CARDIOPHYLLUS Hook.	RANUNCULACEAE	64	S1	N	R
RANUNCULUS GELIDUS Kar. & Kir.	RANUNCULACEAE	64	S4	N	R*
RANUNCULUS JOVIS A. Nels.	RANUNCULACEAE	6U	SU	N	A
RORIPPA CALYCINA (Engelm.) Rydb.	BRASSICACEAE	6U	S2	C2	U*
RUBUS URSINUS Cham. & Schlecht.	ROSACEAE	6U	SU	N	R
SAGINA NIVALIS (Lindbl.) Fries	CARYOPHYLLACEAE	6U	SU	N	A
SALIX BARRATTIANA Hook.	SALICACEAE	6U	SU	N	R
SALIX SERISSIMA (Bailey) Fern.	SALICACEAE	64	SU	N	R
SALIX WOLFII Bebb ex Rothrock	SALICACEAE	6U	SU	N	A
SATUREJA DOUGLASII (Benth.) Briq.	LAMIACEAE	6U	SU	N	R
SAUSSUREA NUDA Ledeb. VAR Densa (Hook.) Hulten	ASTERACEAE	65T5	S3SU	N	R
S. d. (Hook.) Rydb.					
SAUSSUREA WEBERI Hulten	ASTERACEAE	64	S1SU	3C	T
SAXIFRAGA APETALA Piper	SAXIFRAGACEAE	6U	SU	N	R
S. integrifolia Hook. var. a. (Piper) Jones					
SAXIFRAGA CHRYSANTHA Gray	SAXIFRAGACEAE	6U	SU	N	R

SAXIFRAGA TEMPESTIVA Elvander & Denton	SAXIFRAGACEAE	62	S2	N	R
SAXIFRAGA TOLMIEI T. & G. VAR LEDIFOLIA (Greene) Engl. & Irms.	SAXIFRAGACEAE	6U	SU	N	R
SCIRPUS CYPERINUS (L.) Kunth	CYPERACEAE	6U	SU	N	A
SCIRPUS HETEROCHAETUS Chase	CYPERACEAE	65	S3	N	R
SCIRPUS NEVADENSIS S. Wats.	CYPERACEAE	64	S1S2	N	R
SCIRPUS SUBTERMINALIS Torr.	CYPERACEAE	64G5	S2	N	R
SEDUM DEBILE S. Wats.	CRASSULACEAE	64G5	SU	N	R
SELAGINELLA SELAGINOIDES (L.) Link	SELAGINELLACEAE	65	S3	N	R
SELAGINELLA WATSONII Underw.	SELAGINELLACEAE	6U	SU	N	U*
SENECIO AMPLECTENS Gray VAR HOLMII (Greene) Harrington	ASTERACEAE	6U	SU	N	R
SENECIO DEBILIS Nutt.	ASTERACEAE	64	S2SU	N	R
SENECIO FUSCATUS Hayek	ASTERACEAE	6U	SU	N	R*
SENECIO PAUCIFLORUS Pursh	ASTERACEAE	6U	SU	N	A
SHOSHONEA PULVINATA Evert & Constance	APIACEAE	6U	S1	C2	A
SILENE SPALDINGII S. Wats.	CARYOPHYLLACEAE	62	S1	C2	T
SOLIDAGO PTARMICOIDES (Nees) Boivin	ASTERACEAE	6U	SU	N	U*
Aster p. (Nees) T. & G.					
SOLIDAGO SPARSIFLORA Gray	ASTERACEAE	6U	SU	N	A
SPHAERALCEA MUNROANA (Dougl. ex Lindl.) Spach ex Gray	MALVACEAE	6U	SU	N	R
SPHAEROMERIA CAPITATA Nutt.	ASTERACEAE	6U	SU	N	R
Tanacetum capitatum (Nutt.) T. & G.					
SPHENOPHOLIS OBTUSATA (Michx.) Scribn.	POACEAE	6U	SU	N	U*
VAR MAJOR (Torr.) Erdman					
S. intermedia (Rydb.) Rydb.					
SPOROBOLUS NEGLECTUS Nash	POACEAE	65	SU	N	R
SPOROBOLUS VAGINIFLORUS (T. ex G.) T. ex Wood	POACEAE	6U	SU	N	A
STANLEYA TOMENTOSA Parry	BRASSICACEAE	64	S3	N	R
STANLEYA VIRIDIFLORA Nutt.	BRASSICACEAE	64	S3	N	R
STELLARIA SIMCOEI (Howell) Hitchc.	CARYOPHYLLACEAE	64	SU	N	R
STEPHANOMERIA SPINOSA (Nutt.) S. Tomb	ASTERACEAE	6U	S3SU	N	R
Lygodesmia s. Nutt.					
STIPA LETTERMANII Vasey	POACEAE	6U	SU	N	X*
STIPA THURBERIANA Piper	POACEAE	6U	SU	N	A
STREPTANTHELLA LONGIROSTRIS (Wats.) Rydb.	BRASSICACEAE	6U	SU	N	R
SULLIVANTIA HAPEMANII (Coul. & Rose) Coul.	SAXIFRAGACEAE	63	S1	3C	R
SYNTHYRIS CANBYI Pennell	SCROPHULARIACEAE	63G4	S3S4	3C	R
SYNTHYRIS MISSURICA (Raf.) Pennell	SCROPHULARIACEAE	6U	SU	N	R
TARAXACUM ERIOPHORUM Rydb.	ASTERACEAE	64	S3	N	R
TETRANEURIS TORREYANA (Nutt.) Greene	ASTERACEAE	6U	SU	N	R
Hymenoxys t. (Nutt.) Parker					
THELYPODIUM PANICULATUM A. Nels.	BRASSICACEAE	6U	SU	N	A
THELYPODIUM SAGITTATUM (Nutt. ex T. & G.) Endl. ex Walp.	BRASSICACEAE	6U	SU	N	R
SSP SAGITTATUM					
THELYPTERIS PHEGOPTERIS (L.) Slosson	ASPLENIACEAE	6U	SU	N	U*
THLASPI PARVIFLORUM A. Nels.	BRASSICACEAE	6U	SU	N	U*
TIARELLA TRIFOLIATA L. VAR TRIFOLIATA	SAXIFRAGACEAE	65T5	S1S2	N	T
TOFIELDIA PUSILLA (Michx.) Pers.	LILIACEAE	6U	SU	N	A
TOWNSENDIA CONDENSATA Parry ex D.C. Eat.	ASTERACEAE	63	S1	N	R*
TOWNSENDIA FLORIFER (Hook.) Gray	ASTERACEAE	6U	SU	N	A
TOWNSENDIA INCANA Nutt.	ASTERACEAE	6U	SU	N	R
TOWNSENDIA LEPTOTES (Gray) Osterhout	ASTERACEAE	6U	SU	N	U*
TOWNSENDIA SPATHULATA Nutt.	ASTERACEAE	63	S2	3C	A
TRADESCANTIA BRACTEATA Small ex Britt. & Brown	COMMELINACEAE	6U	SU	N	A
TRIFOLIUM ERIOCEPHALUM Nutt. SSP ARCUATUM (Piper) Gillett	FABACEAE	6U	SU	N	R*

T. e. Nutt. var. piperi Martin  
 TRIFOLIUM GYMNOCARPON Nutt. ex T. & G.  
 TRIGLOCHIN CONCINNUM Davy VAR DEBILE (Johnston) Howell  
     T. debile (Johnston) Love  
 TRISETUM ORTHOCHAETUM A.S. Hitchc.  
 UTRICULARIA INTERMEDIA Hayne  
 VACCINIUM MYRTILLOIDES Michx.  
 VERATRUM CALIFORNICUM Durand  
 VERBESENA ENCELIOIDES (Cav.) Benth. & Hook. ex Gray  
 VIBURNUM LENTAGO L.  
 VIOLA RENIFOLIA Gray  
 WOLFFIA BRAZILIENSIS Weddell  
     W. punctata Griseb.  
 WOLFFIA COLUMBIANA Karst.  
 WYETHIA SCABRA Hook. VAR SCABRA  
 XYLORHIZA GLABRIUSCULA Nutt.  
     Machaeranthera g. (Nutt.) Cronq. & Keck  
 ZIZIA AUREA (L.) W.D.J. Koch  
 ZOSTERELLA DUBIA (Jacq.) Small  
     Heteranthera d. (Jacq.) Macm.

FABACEAE	6U	SU	N	R
JUNCAGINACEAE	64	S2	N	R
POACEAE	616X	S15X	C2*	Ex
LENTIBULARIACEAE	65	SU	N	R
ERICACEAE	65	SU	N	R
LILIACEAE	6U	SU	N	U*
ASTERACEAE	6U	SU	N	A
CAPRIFOLIACEAE	65	SU	N	R
VIOLACEAE	65	SU	N	R
LEMNACEAE	64	S1	N	R
LEMNACEAE	64	S1	N	R
ASTERACEAE	6U	SU	N	R
ASTERACEAE	6365	SU	N	R
APIACEAE	6U	SU	N	A
PONTEDERIACEAE	6U	SU	N	A